

**SSC CGL 2017 EXAM PAPER : Held on 18-AUG-2017**  
**Shift-1**  
**(Reasoning)**

---

**QID : 1 - Select the related word from the given alternatives.**

**Square : 90° :: Equilateral triangle : ?**

**Options:**

- 1) 30°
- 2) 60°
- 3) 90°
- 4) 120°

**Correct Answer: 60°**

**QID : 2 - Select the related letters from the given alternatives.**

**ILN : FIK :: RUW : ?**

**Options:**

- 1) ORT
- 2) PSU
- 3) NQS
- 4) LNQ

**Correct Answer: ORT**

**QID : 3 - Select the related number from the given alternatives.**

**99 : 101 :: 100 : ?**

**Options:**

- 1) 90
- 2) 110
- 3) 111
- 4) 102

**Correct Answer: 102**

**QID : 4 - Select the odd word from the given alternatives.**

**Options:**

- 1) Football
- 2) Hockey
- 3) Carrom
- 4) Cricket

**Correct Answer: Carrom**

**QID : 5 - Select the odd letters from the given alternatives.**

**Options:**

- 1) ACE
- 2) FHJ
- 3) QTW
- 4) KMO

**Correct Answer: QTW**

**QID : 6 - Select the odd number from the given alternatives.**

**Options:**

- 1) 121
- 2) 44
- 3) 66
- 4) 111

**Correct Answer: 111**

**QID : 7 - A series is given, with one word missing. Choose the correct alternative from the given ones that will complete the series.**

**tub, size, latin, formal, ?**

**Options:**

- 1) smooth
- 2) idle
- 3) scramble
- 4) capital

**Correct Answer: capital**

**QID : 8 - A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.**

**YXWv, TSrQ, OnML, jIHG, EDCb, ?**

**Options:**

- 1) YXwV
- 2) ZYxW
- 3) XwVU
- 4) YxWV

**Correct Answer: ZYxW**

**QID : 9 - A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.**

**2, 5, 10, 17, ? , 37**

**Options:**

- 1) 24
- 2) 30
- 3) 32
- 4) 26

**Correct Answer: 26**

**QID : 10 - Gurkiran's birthday is on Sunday 21st May. On what day of the week will be Shreyas's Birthday in the same year if Shreyas was born on 14th November?**

**Options:**

- 1) Tuesday
- 2) Wednesday
- 3) Friday
- 4) Saturday

**Correct Answer: Tuesday**

**QID : 11 - The weights of 4 boxes are 40, 70, 80 and 50 kilograms. Which of the following cannot be the total weight, in kilograms, of any combination of these boxes and in a combination a box can be used only once**

**Options:**

- 1) 240
- 2) 160
- 3) 200
- 4) 220

**Correct Answer: 220**

**QID : 12 - From the given words, select the word which cannot be formed using the letters of the given word.**

**THUMBING**

**Options:**

- 1) THING
- 2) MIGHT
- 3) HAUNT
- 4) THUMB

**Correct Answer: HAUNT**

**QID : 13 - If HUMBLD is coded as JWODNGF, then how will WAX be coded as?**

**Options:**

- 1) DHP
- 2) YCZ
- 3) VIS
- 4) JMH

**Correct Answer: YCZ**

**QID : 14 - In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question?**

$$60 \times 5 + 3 \div 24 - 6 = ?$$

**Options:**

- 1) 18
- 2) 94
- 3) 9
- 4) 57

**Correct Answer: 18**

**QID : 15 - If  $9@3=12$ ;  $15@4=22$ ;  $16@14=4$ ; then what is the value of  $6@2$ ?**

**Options:**

- 1) 26
- 2) 1
- 3) 30
- 4) 8

**Correct Answer: 8**

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QID : 16 -

Select the missing number from the given responses

दिए गए विकल्पों में से लुप्त संख्या चुनिए।

3	4	2	14
6	5	4	44
5	2	7	?

Options:

- 1) 58
- 2) 14
- 3) 49
- 4) 4

Correct Answer: 49

**QID : 17 -** Two motorcyclists P and Q start from the same point. P rides 11 km West, then turns South and rides 16 km, then turns to his right and rides 14 km. Q rides 30 km South, then turns to his right and rides 25 km. Where is Q with respect to P now?

Options:

- 1) 14 km North
- 2) 14 km South
- 3) 44 km South
- 4) 44 km North

Correct Answer: 14 km South

**QID : 18 -** In the question a statement is given, followed by two arguments, I and II. You have to consider the statement to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given arguments, if any, is a strong argument.

**Statement :** Should mango export be banned to bring down domestic prices?

Argument I : Yes, environmentalists and dieticians too encourage eating only local fruits.

Argument II : No, exports bring in valuable foreign currency.

Options:

- 1) if only argument I is strong.
- 2) if only argument II is strong.

3) if both I and II are strong.

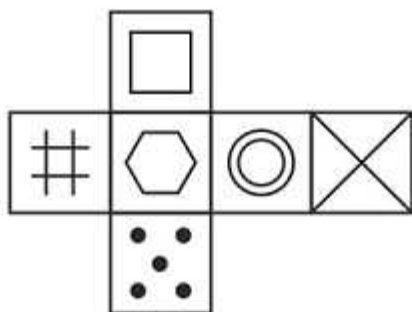
4) if neither I nor II is strong.

**Correct Answer: if only argument II is strong.**

QID : 19 -

Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?

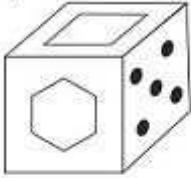
निम्नलिखित उत्तर आकृति में से कौन सा घन दिए गए प्रश्न आकृति में से खुले घन से बनाया नहीं जा सकता?



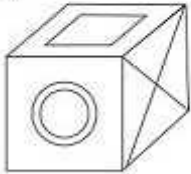


**Options:**

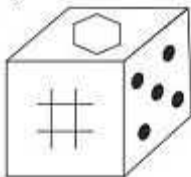
**1)**



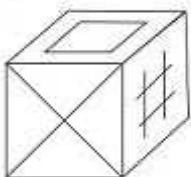
**2)**



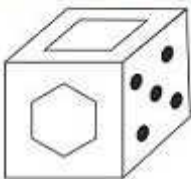
**3)**



**4)**



**Correct Answer:**



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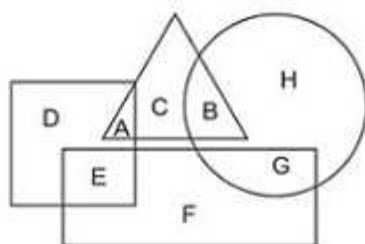
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QID : 20 -

In the following figure, square represents Psychologists, triangle represents Chemists, circle represents Actors and rectangle represents Fathers. Which set of letters represents Psychologists and actors who are also fathers?

निम्नलिखित आकृति में, वर्ग मनोवैज्ञानिकों को दर्शाता है, त्रिभुज रसायनज्ञों को दर्शाता है, वृत्त अभिनेताओं को दर्शाता है और आयत पिताओं को दर्शाता है। अक्षरों का कौन सा समूह मनोवैज्ञानिकों और अभिनेताओं को दर्शाता है जो पिता भी हैं?



Options:

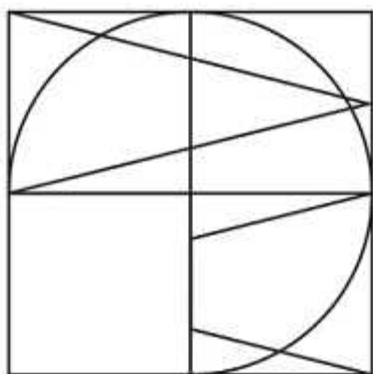
- 1) G,D,A
- 2) F,A,C
- 3) E,G
- 4) E,D,A

Correct Answer: E,G

QID : 21 -

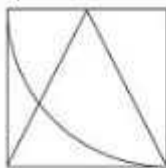
Which answer figure will complete the pattern in the question figure?

निम्नलिखित में से कौन-सी उत्तर आकृति प्रश्न आकृति के प्रतिरूप को पूरा करेगी?

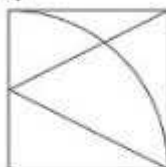


**Options:**

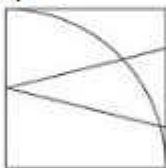
1)



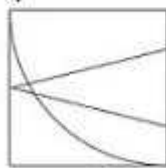
2)



3)



4)



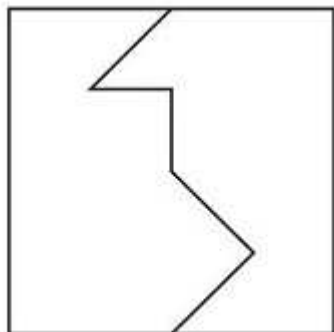
**Correct Answer:**



**QID : 22 -**

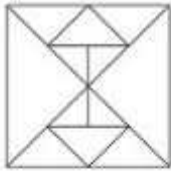
From the given answer figures, select the one in which the question figure is hidden/embedded.

दी गई उत्तर आकृतियों में से उस आकृति को चुनिए जिसमें प्रश्न आकृति निहित है।

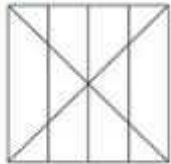


**Options:**

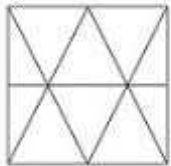
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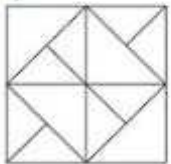
**2)**



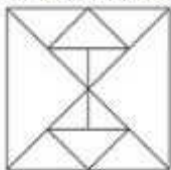
**3)**



**4)**



**Correct Answer:**



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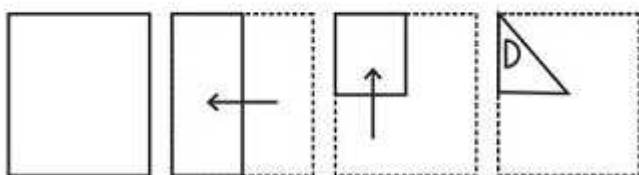
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QID : 23 -

A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

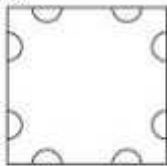
प्रश्न आकृतियों में दिखाए अनुसार कागज को मोड़कर उसमें छेद करने तथा खोलने के बाद वह किस उत्तर आकृति जैसा दिखाई देगा?



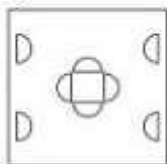


**Options:**

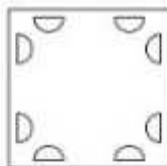
1)



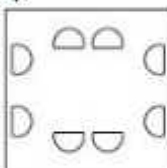
2)



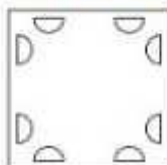
3)



4)



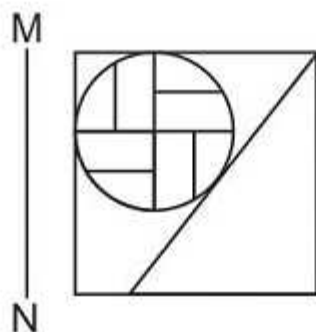
**Correct Answer:**



QID : 24 -

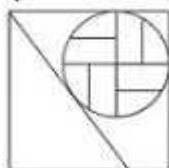
If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

यदि एक दर्पण को MN रेखा पर रखा जाए तो दी गई उत्तर आकृतियों में से कौन-सी आकृति प्रश्न आकृति का सही प्रतिबिम्ब होगी?

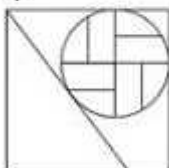


Options:

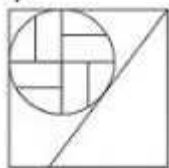
1)



2)



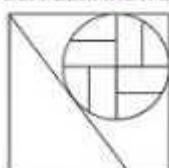
3)



4)



Correct Answer:



**QID : 25 -**

A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example 'K' can be represented by 20, 32 etc and 'Z' can be represented by 75, 78 etc. Similarly, you have to identify the set for the word 'SHOW'.

एक शब्द केवल एक संख्या-समूह द्वारा दर्शाया गया है, जैसा कि विकल्पों में से किसी एक में दिया गया है। विकल्पों में दिए गए संख्या-समूह अक्षरों के दो वर्गों द्वारा दर्शाए गए हैं, जैसा कि दिए गए दो आव्यूहों में है। आव्यूह-I के स्तम्भ और पंक्ति की संख्या 0 से 4 और आव्यूह-II की 5 से 9 है। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'K' को 20, 32 आदि द्वारा दर्शाया जा सकता है तथा 'Z' को 75, 78 आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द 'SHOW' के लिए समूह को पहचानना है।

Matrix I आव्यूह - I					
	0	1	2	3	4
0	C	J	A	B	A
1	H	L	H	I	G
2	K	M	F	J	C
3	I	B	K	D	F
4	F	I	M	H	J

Matrix II आव्यूह - II					
	5	6	7	8	9
5	R	Z	R	T	P
6	S	S	S	T	X
7	Z	S	V	Z	Y
8	Q	Y	O	S	T
9	U	V	W	S	S

**Options:**

- 1) 21,23,78,98
- 2) 76,12,87,97
- 3) 40,32,76,79
- 4) 33,23,57,88

**Correct Answer: 76,12,87,97**



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